

REMARKS

Upon entry of the amendment, claims 13-46 will be pending in the application, new claim 46 having been added by the amendment. Claims 15, 16, and 22-24 have been amended. Support for the amendments can be found in the specification and the claims as originally filed. For example, support for new claim 46 can be found in the specification, *e.g.*, at page 3, lines 3-21 and lines 29-30. No new matter has been added.

Applicants elect the invention of Group I (claim 31), and further elect position 1561 of SEQ ID NO:1, within the codon encoding position 488 of SEQ ID NO:2, for examination. Applicants understand that with this election, Examiner agrees to examine claim 31 as well as claims 13-30 (as indicated at page 3 of the Restriction Requirement) and new claim 46.

The election is made with traverse, to the extent that it requires election of a single polymorphism. The nucleotide polymorphisms listed in claims 32 and 46 are all derived from the same gene, so that a single sequence search can be used to search for prior art. It therefore should be no undue burden on the Office to search all of the polymorphisms in a single group, encompassing the full scope of claims 32, 33, and 46. Applicants request that the restriction requirement be withdrawn so that all of the present claims, including claims 32, 33 and 46, can be examined across their entire scope.

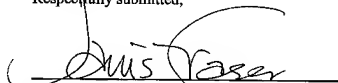
Applicants understand that claims 13, 22, 25-30, and 32 link groups I, II and VI of the restriction requirement, and upon allowance of one or more of the linking claims, the restriction between groups I, II, and VI will be withdrawn, and any claims depending from or otherwise requiring all the limitations of the allowable linking claims will be rejoined and examined for patentability.

Please apply the \$2160 fee for the five month Petition for Extension of Time, the \$200 fee for excess claims, and any other necessary charges, or any credits, to Deposit Account No. 06-1050, referencing Attorney Docket No. 06275-264002.

Respectfully submitted,

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